

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heating and air-conditioning system for a motor vehicle having front and rear internal vehicle compartments, comprising:

- (a) a conditioning housing;
- (b) a first heat exchanger operably integrated within said conditioning housing;
- (c) a plurality of air outlet openings in said conditioning housing for guiding air to front interior zones of a motor vehicle;
- (d) a connecting section on the outside of said conditioning housing;
- (e) an air outlet opening through said connecting section, said air outlet opening being in parallel air flow relationship with said first heat exchanger; and selection either
- (f) an additional member selectively mounted over said air outlet opening through said connecting section, said additional member being selected from the group consisting of
 - (i) a releasable cover for covering, in a tight, leak-proof manner, said air outlet opening through said connecting section; and or
 - (ii) a rear vehicle compartment temperature control unit attached in a tight, leak-proof manner to said connecting section and in fluid communication with said conditioning housing via said air outlet opening through said connecting section, said rear temperature control unit comprising an additional housing having a second heat exchanger operably integrated therein; and

~~—— (f) a fastener for selectively attaching to said connecting section to either (i) said releasable cover or (ii) said rear temperature control unit~~

(g) connecting structure, associated with at least said connecting portion of said conditioning housing, for selectively and alternately attaching each of said additional members (i) and (ii) to said connecting section.

2. (Previously Presented) A heating and air-conditioning system as claimed in claim 1, wherein the motor vehicle further comprises rear interior zones.

3. (Cancelled)

4. (Withdrawn) A heating and air-conditioning system as claimed in claim 1 3, wherein said rear temperature control unit comprises an air guiding arrangement leading from said conditioning housing to said rear interior zones.

5. (Cancelled)

6. (Currently Amended) A heating and air-conditioning system as claimed in claim 1, wherein said additional housing comprises ~~an~~ at least one air control element.

7. (Cancelled)

8. (Cancelled)

9. (Original) A heating and air-conditioning system as claimed in claim 1, further comprising a partition separating said first heat exchanger into a left portion and a right portion.

10. (Currently Amended) A heating and air-conditioning system as claimed in claim ~~7~~ 1, further comprising a partition separating at least one of said first and second heat exchangers into respective left ~~portions~~ and a right portions.

11. (Currently Amended) A heating and air-conditioning system as claimed in claim 1, wherein ~~a wall of~~ said connecting structure associated with said connecting section

for attaching said rear temperature control unit defines an area on said connecting section that
is substantially larger than said air outlet opening.

12. (Currently Amended) A heating and air-conditioning system as claimed in claim
5 11, wherein said additional housing comprises an open housing section capable of tight,
leak-proof attachment to said connecting section of said conditioning housing.

13. (Currently Amended) A heating and air-conditioning system as claimed in claim
1 3, wherein said ~~attaching means~~ connecting structure comprises flange members that are
associated both with said connection section and with said rear temperature control unit and
that corresponding to each other and are capable of fitting together ~~on each of~~ to connect said
connecting section and said rear temperature control unit.

14. (Previously Presented) A heating and air-conditioning system as claimed in claim
1, further comprising a plurality of electrically activated positive temperature coefficient
elements integrated in said first heat exchanger for water side temperature regulation.

15. (Original) A heating and air-conditioning system as claimed in claim 1, further
comprising air flaps for regulating the flow of air through said first heat exchanger.

16. (Currently Amended) A heating and air-conditioning system as claimed in claim
1, wherein said ~~attaching means~~ connecting structure comprises [[a]] profiled flange
arrangements on said connecting section for selectively and alternately cooperating with
mating ~~flange~~ arrangements on said removable cover and on said rear temperature control
unit.

17. (Currently Amended) A motor vehicle comprising a heating and air-conditioning
system which comprises:

- (a) a conditioning housing;
- (b) a first heat exchanger operably integrated within said conditioning housing;
- (c) a plurality of air outlet openings in said conditioning housing for guiding
air to front interior zones of a motor vehicle;

(d) a connecting section on the outside of said conditioning housing;

(e) an air outlet opening through said connecting section, said air outlet opening being in parallel air flow relationship with said first heat exchanger; and either

(f) an additional member selectively mounted over said air outlet opening through said connecting section, said additional member being selected from the group consisting of

(i) a releasable cover for covering, in a tight, leak-proof manner, said air outlet opening through said connecting section; and or

(ii) a rear vehicle compartment temperature control unit attached in a tight, leak-proof manner to said connecting section and in fluid communication with said conditioning housing via said air outlet opening through said connecting section, said rear temperature control unit comprising an additional housing having a second heat exchanger operably integrated therein; and

~~—— (f) a fastener for selectively attaching to said connecting section to either (i) said releasable cover or (ii) said rear temperature control unit~~

(g) connecting structure, associated with at least said connecting portion of said conditioning housing, for selectively and alternately attaching each of said additional members (i) and (ii) to said connecting section.

18. (Currently Amended) A conditioning housing for a heating and air-conditioning system that can be adapted to produce either a two-zone, three-zone or four zone system, comprising:

(a) a heat exchanger operably integrated within said conditioning housing;

(b) a connecting section on the outside of said conditioning housing;

(c) an air outlet opening through said connecting section, said air outlet opening being in parallel air flow relationship with said first heat exchanger; and ~~either~~

(d) connecting structure, associated with at least said connecting portion of said conditioning housing, for selectively and alternately attaching to said connecting section an additional member to be selectively mounted over said air outlet opening through said connecting section, said additional member being selected from the group consisting of

(i) a releasable cover for covering, in a tight, leak-proof manner, said air outlet opening through said connecting section; and

(ii) a rear vehicle compartment temperature control unit attached in a tight, leak-proof manner to said connecting section and in fluid communication with said conditioning housing via said air outlet opening through said connecting section, said rear temperature control unit comprising an additional housing having a second heat exchanger operably integrated therein

;

~~—————(d) a fastener means for selectively attaching to said connecting section to either (i) said releasable cover or (ii) said rear temperature control unit.~~

19. (Currently Amended) A conditioning housing according to claim 1, wherein said connecting structure includes an arrangement selected from the group consisting of at least one of fastener comprises a bonding arrangement fastener, a frictional arrangement fastener or an interlocking arrangement fastener.

20. (Currently Amended) A conditioning housing according to claim 18, wherein said connecting structure includes an arrangement selected from the group consisting of at least one of fastener comprises a bonding arrangement fastener, a frictional arrangement fastener or an interlocking arrangement fastener.